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SILVER OXIDE-LITHIUM BATTERY

PUB. NO.: 63-166151 [JP 63166151 A]

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JAPIO CLASS: 42.9 (ELECTRONICS -- Other); 26.4 (TRANSPORTATION -- Aeronautical Navigation)

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ABSTRACT

PURPOSE: To prevent voltage drop or unstable phenomena during discharge by placing a member having a specified dimension between electrodes to retain their compression force.

CONSTITUTION: A plurality of layers each of which is formed with a positive electrode 1, a negative electrode 2, and a conductive film 3 are stacked in a container 12 to form a battery. Cylindrical plastic moldings 6 are embedded in plural through holes installed in the negative electrodes 2. The thickness of the molding is almost equal to the sum of the thickness of the negative electrode 2 and that of a separator 9, and the end of the molding is in contact with the film 3. Even if the negative electrode 2 is thinned by discharge, compression force between electrodes is retained constant by the molding 6 which is insulating material. By this simple method, troubles generating during discharge such as voltage drop and internal short circuit can be prevented.

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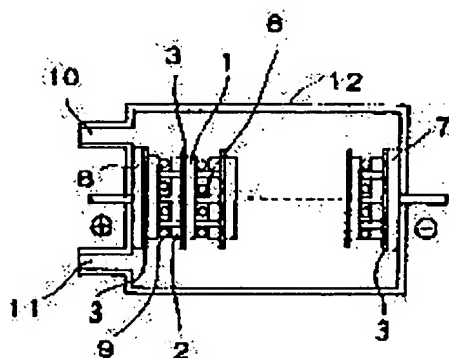
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(54) SILVER OXIDE-LITHIUM BATTERY



(57)Abstract:

PURPOSE: To prevent voltage drop or unstable phenomena during discharge by placing a member having a specified dimension between electrodes to retain their compression force.

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